

# SOUTH PRODUCTION NOTES

December 8, 2014  
3-11 Shift

**BASF EMPLOYEES**  
48 Last Recordable  
528 Last Lost Time

**Be sure to check weigh all bags off of the calciners and fill out the log sheet downstairs by the scale and Attach "Packaged By" label with your initials.**

## **#1 MED / AL 4126 1/16th:**

**5 batches complete and hold.** Running Al 4126 1/16" size

Midnight shift: Running

Day shift: Engineer experimented with running some D 1708 wet mix on #1 MED (only the extruder got dirty). The extruder needs to be cleaned up / cleaned out, and then we can resume making some more Al 4126 1/16<sup>th</sup>. Again, only the extruder needs to be cleaned out (the dryer, pulva and mixer are still OK).

When we get started again, do not exceed 10 bags on the floor.

Afternoon shift:

## **#1 RC /AL 4126 1/16th:**

Will not stay lit. Need to switch over to 1/16"

Midnight Shift: holding

Day shift: IMC/electricians working on lighting calciner. Clean up and change screener over to .156 x 5/16 oversize and 12 mesh fines screens – both screens are near the screener. Also, remove the fines, oversize and good product drums and label correctly (if not already done). Set up calciner for 4126 1/16 per MOD

Afternoon shift:

**Exhaust to Trimer**

## **#2 MED line / Cu-0860:**

Hold –Spiral elevator is still down. **Be sure to use wet mix on every batch.**

Midnight shift: hold

Day Shift: Hold

Afternoon Shift:

## **#2 RC/ Cu 0860:**

Bladder on bag off station should be working now. Still need to feed bags on 1<sup>st</sup> floor (Bodmann will advise)

Midnight shift: awaiting Feed

Day Shift: Awaiting feed

Afternoon Shift:

## Exhaust to F1

### **#3 MED/ D-1708:**

Not running. Having continuing issues with extruder and batches not extruding at all. John Bodmann was experimenting with running some D 1708 wet mix material on #1 MED to see if it would run, but that would not extrude either. We are now trying to wet the current batch in #3 mixer (adding water), then mixing again and will try on #3 extruder. **Add wet mix to each batch...1/2 – 1 of a drum each batch.**

Midnight shift: reassembled old liner with new auger, drummed off batch from previous shift- dried out. In addition we are low on Siral 30 only 4 batches worth.

Day Shift: See above...work order was submitted to have maintenance inspect the gear box on the extruder as it may be out of alignment (auger has too much wobble when rotating). Bodmann is trying to run out the material in the mixer by adding more water...as of 1:30 pm, the extra water seemed to work.

Bodmann planning to make fresh batches with remaining zeolite, then he will provide instructions for

Afternoon Shift:

### **#3 RC / D-1708:**

Continue. Call out maintenance if repairs are needed. Monitor fines and advise John. Need to close fines drums and place in Red zone, write the weight on the board in control room and include on SAP Sheets

Midnight shift: down No Feed

Day shift: Calciner was down when shift started...work order submitted to get restarted. Before any material is calcined again, change out the fines screen to .084 x 14 (screen is by the screener...need to clean it up a bit first). There are 3 bags of "HOLD for Bodmann" feed on the floor. When calciner is lined out, feed these bags.

Afternoon Shift:

## Exhaust to CTO

### **#4 RC / D-5253 done:**

Finished. Clean up sheet in the Group Leader's office.

Midnight shift: Cleaning started

Day Shift: No activity day shift. Need to run sand through and pick up from where the weekend cleaning left off. Clean up sheet on GL Beller's desk.

Afternoon Shift:

## Exhaust to Trimer



### **#5 RC / Cu-3818:**

**Make sure to get your surface areas!** Need material from DC analyzed

**Midnight Shift:** Started feeding Refires need to pull all the bags and paint a red R on them and stage them behind #5

**Day shift:** Continue. Pull the following bags for refiring on the calciner (Lot 488 bags 1, 2, 3, 8...Lot 491 bags 6, 7, 9-15, 20...Lot 492 bags 1, 5-8). Start feeding these as soon as possible.

**Afternoon shift:**

**Exhaust to 5A DC**

### **#6 RC & Dryer / D-0756**

Use Auto Sampler for bags. **32 oz and a 16 oz grab for every bag.** Be Sure to Check Weigh all bags and fill out sheet by Scale,

**Midnight shift:** Continued

**Day Shift:** Continue

**Afternoon shift:**

**Exhaust to Sly Scrubber**

### **6 Tank /D-5253 empty**

Continue. Drain looked at by Schirmer and Lucas- not fixed yet

**Midnight Shift:** Needs to be cleaned

**Day Shift:** No activity

**Afternoon shift:**

### **New Pfaudler / D 5253 done**

**Midnight shift:** no work done

**Day shift:** Need to continue clean-up for maintenance work on pfaudler

**Afternoon Shift:**

### **7 Tank AMT, KLP solution next?**

Tank was being rinsed over weekend. Tank will not be needed until late December...will try to get cleaning instructions soon. Tank has a lot of residue on bottom...needs cleaned

**Midnight Shift:** NA

**Day Shift:** Currently circulating (is it just water or water/acid?)

**Afternoon shift:**

**Old Pfaudler / D-0756:**

Running. Continue to run to keep up with #6 Dryer/Calciner PLEASE RECORD THE DRAINAGE WEIGHT AND GET A DRAINAGE SAMPLE FOR EACH BATCH!!!

Midnight Shift: hold for space

Day Shift: Continue

Afternoon shift:

**National Dryer: D-5253**

Midnight Shift: no work done

Day shift: Work on cleaning early afternoon shift

Afternoon Shift:

**PK Blender/AI-3915:**

Will be getting more Catapal in on Monday.

New Screener is running. Be sure to only screen 1 batch ahead of what you are making in the PK. We cannot let the screened sterotex/graphite sit. It causes havoc on the Horne machines.

Midnight Shift: NA

Day shift: No activity day shift, schedule for afternoon if Catapal B arrives

Afternoon shift:

**Abbe Blender / 5206 Done**

Done for a while. Area Cleaned and Contractors finished with Sprinkler work

Midnight shift: NA

Day shift: NA

Afternoon shift: NA

**Tower 3/ Cu 0860:**

Running.

Midnight Shift: Running

Day shift: Running

Afternoon shift:

**Tower 6 / Cu 0860:**

Running

Midnight Shift: running

Day shift: Should be unloading, then dropping tower bottom on Tuesday

**Afternoon shift:**

**North Screener / Cu-0860:**

**Change to Cu-0860. Keep running**

**Midnight shift: continued**

**Day shift: Continue**

**Afternoon shift:**

**South Screener / Cu-0860:**

**Change to Cu-0860. Keep running**

**Midnight shift: continued**

**Day shift: Continue**

**Afternoon Shift:**

**#2662 (west) Pill Machine / Al-3915 T 5/32:**

**Running, when able.**

**Midnight shift: Continued**

**Day Shift: Continue**

**Afternoon shift:**

**#2664 (east) Pill Machine / Al-3915 T 5/32:**

**Running, when able.**

**Midnight shift: Down Repairs**

**Day Shift: Was down during shift, powder was settling...try running this afternoon**

**Afternoon shift:**

**TK #2 / V 2046:**

**Running 2046**

**Midnight shift: continued**

**Day Shift: Continue, but may run out of feed until north end makes batches during afternoon shift (batches scheduled for afternoon)**

**Afternoon shift:**

**TK #4 / Cu 0203, Cu 0540 next:**

**Need to switch to 0540 saggars**

**Midnight shift: down**

**Day Shift: Down**

**Afternoon shift:**

### **Harrop Kiln / AI 3920:**

**AI 3920 - 90 min Cart**

**Midnight shift:**

**Day Shift: Continue**

**Afternoon shift:**

### **Building 27 Belt Filter / Cu 6081:**

**Hold for the weekend— Please fill bags to 1200# and ensure bags are clean of powder on the outside of them and the pallets as they have to be transported down the street.**

**Midnight shift: down**

**Day shift: Continue**

**Afternoon Shift:**

### **Priorities:**

- 1) #3 MED/#3RC/CTO - Finish D-1708 - Must get in wet mix - Clean up next week will have to be quick to salvage line time
- 2) West Pfaudler/National Dryer/#4RC/Trimer - Finish calcining D5253 then clean for D5202 next while pfaudler is idle ( Art please confirm Monday). Finishing the D5253 is the rush, not the changeover
- 3) Reduction Towers - Cu-0860 drop Tower 6 bottom Monday for Pd 1930, sheave change
- 4) Reduction Tower Screeners - keep Cu-0860 screening moving
- 5) #1 Line/#1RC - Finish AI -4126 E 1/8 - them move on to AI-4126 E 1/16.....Will have to decide if we do Chevron or not. I will sort it out next week with Art. I have discussed with Tim C
- 6) #2 Tunnel Kiln - V 2046 P - watch temps close, keep loading high
- 7) East Pfaudler/HC-11 Dryer/#6 RC - ships mid December, we need to stay on rate
- 8) #5 RC - run into next weekend 12/13 then switch
- 9) Harrop Kiln - plenty of base to fire
- 10) Horne Tableting / PK as needed - need to ramp up on Pill mix as Selectsorb is on the horizon
- 11) Tunnel Kiln Area - Touch up paint on Cu-0860 ERL green drums - ships 12/15 and we have about half of ~550 drums to fix
- 12) South Precip - North hand to mouth on feed....

### **Maintenance & Other**

- 1) #2 Line will be down until Monday at least for spiral repairs - #2RC - test out new syntron controls while line is down
- 2) Acid wash new pfaudler for repairs week of December 15
- 3) Vacuum national drier best as possible to soda blast next week
- 4) Drop tower 6 bottom and sheave change Monday December 8.
- 5) Need to clean and acid wash T4 and T-6 in Building 27 for checks. timing TBD based on how much 6081 we need to finish and when. Val also needs a week for punchlist items

### **Shipments to finish for December**

- 1) D5253 - wraps up this weekend, analyze and ship ASAP

2) D-0756 - finishes mid December - need a plan to ship without final metals analysis ( TDR with ART?)

3) V-2046 - told Tim C we would target a min of 25K week of Dec 22 with the last week of the month as a fallback, which I would like to avoid.

4) Cu-0860 drum fix